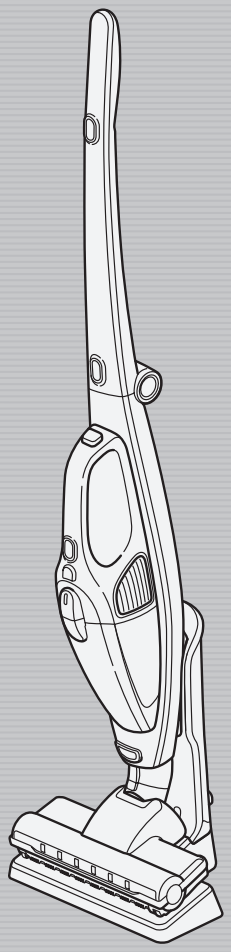
Instruction Manual

Hitachi Cordless Stick Cleaner

Model

PV-XA100



Thank you for purchasing a Hitachi Cordless Stick Cleaner.

This cleaner is for household use only. Do not use for business purposes or purposes other than cleaning. For proper use, please read these Operating Instructions thoroughly before using the cleaner.

Keep this manual for future reference in an easily accessible place.

For proper use, please read "Safety Precautions" **(P.E-4–E-6)**

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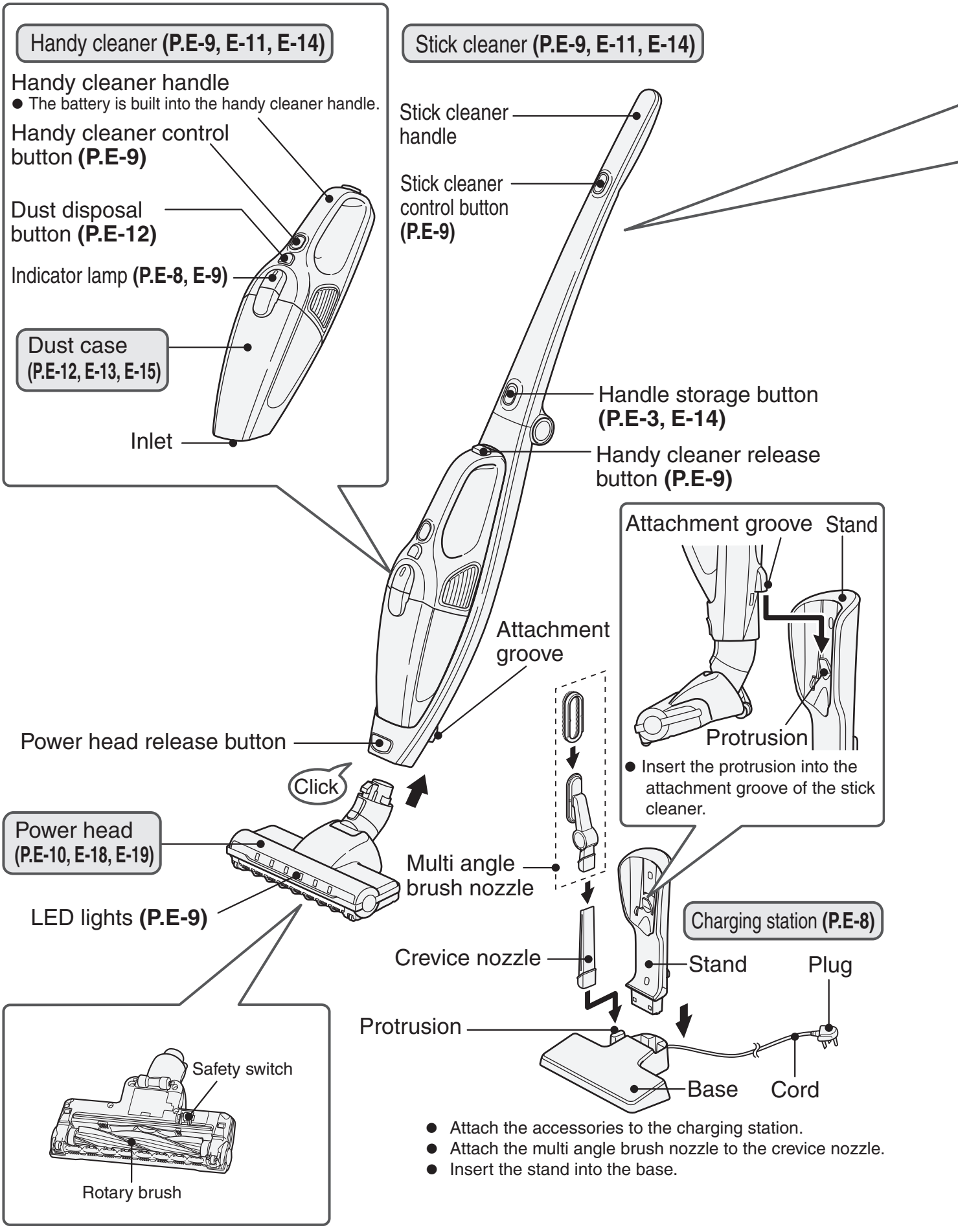
Part names and assembly

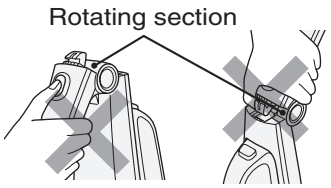


Stick cleaner handle operation

⚠ WARNING

Risk of injury.

- Do not hold the area around the rotating section of the handle when folding or extending the handle.

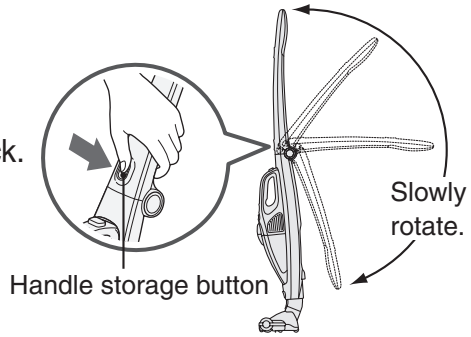


When extending the stick cleaner handle

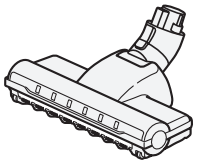
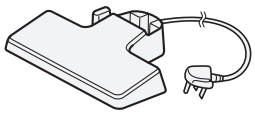
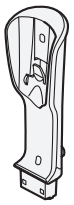
- Slowly rotate and extend until you hear a "click" sound.

When folding the stick cleaner handle

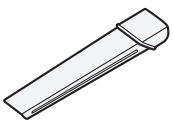
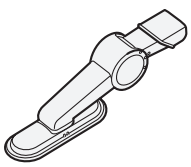
1. Hold the stick cleaner handle and press the handle storage button to release the handle lock.
2. Slowly rotate and fold.



Attachments

Power head (1 pc.) (Smooth head D-DP4E)	Charging station	
	Base (1 pc.)	Stand (1 pc.)
		

Attachment accessories

Crevice nozzle (1 pc.) **(P.E-11)**	Multi angle brush nozzle **(P.E-11, E-12)**	
	Brush (1 pc.)	Multi angle nozzle (1 pc.)
		

Safety precautions

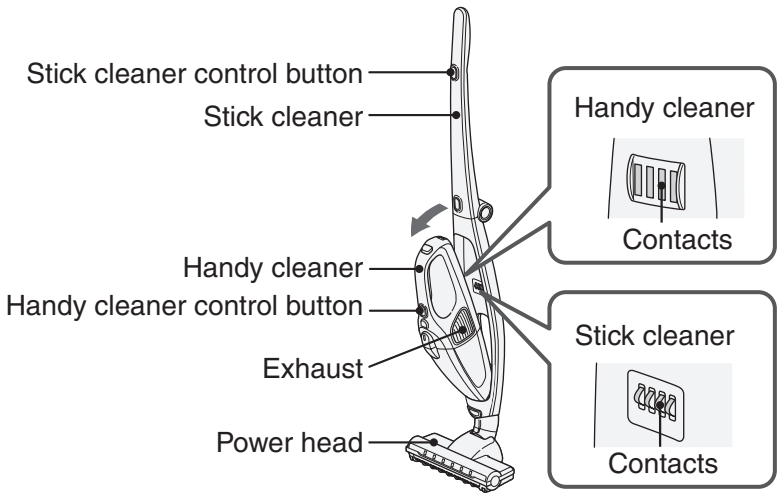
Be sure to follow these directions.

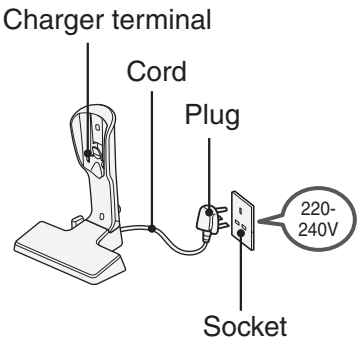
In order to prevent personal injury or damage to the property of the user or other persons, please read and understand (the safety precautions) thoroughly and follow them correctly.

■ The severity of injury or damage that occurs when ignoring instructions and improperly using the cleaner is classified and explained below.

⚠ **DANGER**	This indicates content that "may present imminent danger of serious injury or death".
⚠ **WARNING**	This indicates content that "may result in serious injury or death".
⚠ **CAUTION**	This indicates content that "may result in minor injury or property damage".

Meaning of symbols	
⚠	Content that "prompts warning or attention".
⊘	"Prohibited" content that must not be performed.
❗	"Directive" content that must be performed.





⚠ DANGER

- **Do not disassemble, repair, or alter.**
  Doing so may cause leaking, heat generation, fire, or injury.
  For repairs, please consult with the Hitachi authorized service agent.
- **Keep the contacts of the stick cleaner, handy cleaner, and charging station away from water and other liquids.**
  The internal battery may rupture and cause the product to catch fire or malfunction.
- **Do not connect the contacts of the stick cleaner, handy cleaner, and charging station with metal objects.**
  Do not carry or store with metal necklaces, hairpins, etc.
  The battery may short-circuit and cause leaking, heat generation, rupturing, or fire.
- **Do not throw into fires or apply heat.**
  The internal battery may rupture and cause fire.

⚠ WARNING

In the event of an abnormality or malfunction, stop using it use immediately.

- The cleaner does not operate even after pressing the control button.
- The power turns on and off when moving the plug or cord.
- The cleaner does not operate even after switching to "High" or "Standard".
- There is an abnormal sound during operation.
- The body is deformed or abnormally hot.
- The cord is damaged or abnormally hot.
- There is a burning "smell".
- There are other abnormalities.

There is a risk of fuming, fire, or electric shock. Immediately request for inspection and repair by the Hitachi authorized service agent.

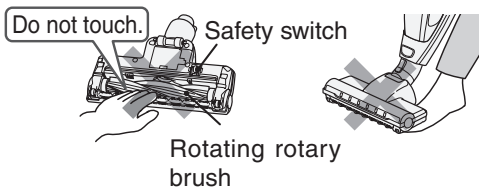
Socket, plug, cord, charging station

- **Use AC 220-240V socket.**
- **Periodically wipe off dust, etc. from the plug with a dry cloth.**
- **Make sure to fully insert the plug.**
- **Disconnect the plug from the socket when performing charging station maintenance.**
  If the cord is damaged, it must only be replaced by the Hitachi authorized service agent in order to avoid a hazard.

- **Do not damage the cord.**
  [Do not damage, tamper, unreasonably bend, pull, twist, tuck, or place heavy objects on the cord, etc.]
- **Do not use damaged cords and plugs, or loose socket.**
- **Do not let the cord get caught in the rotating rotary brush.**
- **Do not insert or disconnect with wet hands.**
- **Do not charge using a combination other than the included charging station and stick cleaner.**
- **Do not use the included charging station to charge other types of rechargeable batteries or non-rechargeable batteries.**
- **During charging, the stick cleaner with the charging station must be placed in a well ventilated area.**
  Doing so may cause fire or electrical shock.

Power head

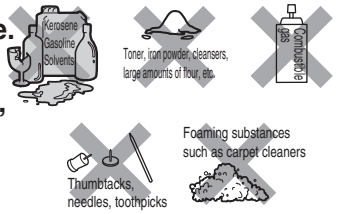
- **Do not touch the rotating rotary brush or safety switch.**
  This may cause injury. Be careful especially for children.
- **Do not place the power head on parts of your body (on top of your feet, etc.) when pulling the power head.**
  This may cause injury.



Safety precautions

Handle, others

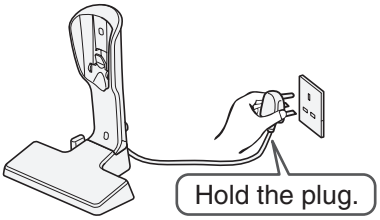
- **Do not hold the area around the rotating section of the stick cleaner handle when folding or extending the stick cleaner handle.**
  Doing so may cause injury.
- **Do not vacuum or use near flammable objects, combustibles, or fires [kerosene, gasoline, thinner, benzene, toner, combustible gas (sprays), cigarette butts, etc.].**
- **Do not vacuum pointed objects (such as thumbtacks, needles, or toothpicks).**
- **Do not vacuum foaming substances such as carpet cleaners.**
- **Do not wash with water or use in the bathroom (except for parts that may be washed with water).**
  These may cause eruption, fire, electrical shock, or injury.



⚠ CAUTION

Socket, plug, cord

- **When disconnecting the plug, hold and pull the plug at the end, not the cord.**
  Damaging the cord and shorting it may cause electrical shock or fire.
- **Do not use while the cord is wound around the charging station.**
  Damaging the cord may cause electrical shock or fire.



Power head

- **Do not block the power head and operate for long periods of time.**
  Doing so may cause fire or stick cleaner and power head deformation due to overheating.
- **Detach the power head from the stick cleaner when performing maintenance.**
  This may cause injury.

Exhaust

- **Do not block the exhaust.**
  Doing so may cause fire or handy cleaner and power head deformation due to overheating.
- **Do not expose your body to the air released from the exhaust for long periods of time.**
  Doing so may cause low-temperature burns.

Handle, others

- **When carrying the stick cleaner, do not hold the handy cleaner handle.**
  The stick cleaner may fall and cause injury or damage the floor.
- **Keep away from fire.**
  Shorting due to body deformation may cause electrical shock or fire.
  Flames may grow larger due to exhaust and cause fire.
- **Do not prop up the stick cleaner while it is operating.**
- **Do not leave the stick cleaner unattended while it is propped up.**
- **Set it on the charging station when storing.**
  The stick cleaner may fall and cause injury or damage the floor.
- **Discontinue operation when performing stick cleaner or handy cleaner maintenance.**
  This may cause injury.
- **Do not carry the cleaner while it is set on the charging station.**
  The stick cleaner may fall and cause injury or damage the floor.

- **Children should be supervised to ensure that they do not play with the appliance.**
- **This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.**
- **Only allow children at least 8 years old to use the charging station. Give sufficient instruction so that the child is able to use the charging station in a safe way and explain that it is not a toy and must not be played with.**
- **Instruct the child not to try and recharge non-rechargeable batteries because of the danger of eruption.**
- **Example the charging station regularly for damage, especially the cord, plug and enclosure. If the charging station is damaged, it must not be used until it has been repaired.**

Notes on use

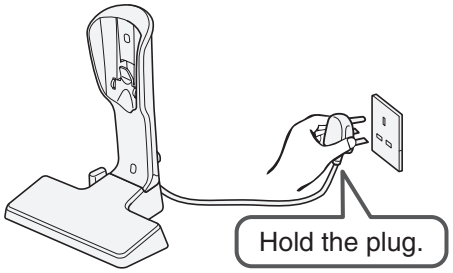
To prevent malfunctions, etc., follow the directions below.
Also, for proper use, please read the Note in the main text thoroughly.

- **Do not subject the power head to strong physical shock.**
  Doing so may cause damage.
- **Do not vacuum the following objects.**
  Doing so may cause abnormal odors or malfunctions.
  • Water or liquids • Wet objects • Desiccants (moisture absorbents) • Large amounts of sand or powder
  • Long threads • Glass
- **Do not ride on the stick cleaner, nozzle, or the charging station.**
  Doing so may cause malfunctions.
- **Thoroughly air dry parts washed with water.**
  Failure to do so may cause abnormal odors or malfunctions.

How to charge

Please charge the cleaner before use, as it is not charged at the time of shipment.
(Standard charge time is approx. 4 hours.)

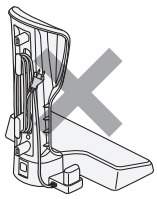
1 Insert the plug of the charging station into the socket.



⚠ CAUTION

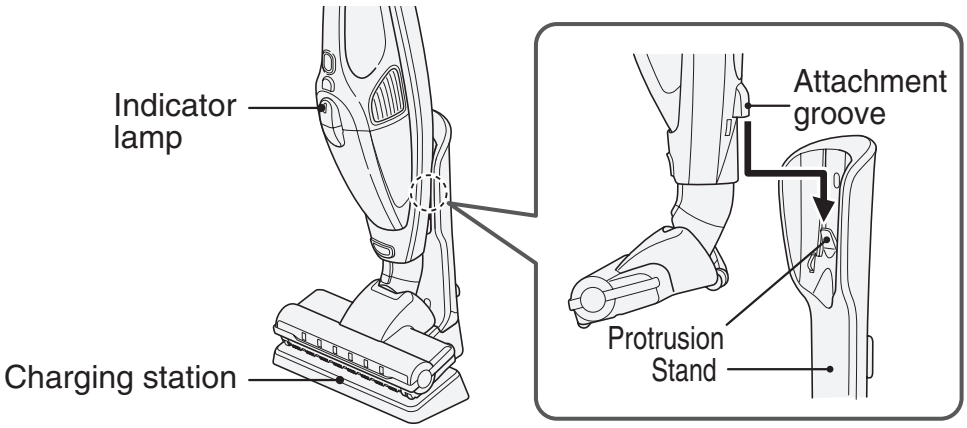
Risk of electrical shock or fire.

- Do not wind the cord around the charging station.



2 Set the stick cleaner nozzle on the charging station.

- Insert the charging station protrusion into the attachment groove of the stick cleaner.
- The indicator lamp lights up in red when the stick cleaner is set on the charging station.
- If the indicator lamp does not light up in red, re-set the stick cleaner on the charging station.
- When fully charged, the indicator lamp turns off.



- Charge with the handy cleaner attached to the stick cleaner.
- If you remove the stick cleaner from the charging station while the indicator lamp is off and then set it on the charging station again, the indicator lamp will turn on, which is normal.
- The standard charge time is approx. 4 hours. However, the charge time may vary depending on usage.
- The stick cleaner or charging station may become hot while charging, which is normal.

⚠ CAUTION

Risk of injury or damage to the floor.

- When disconnecting the plug, hold and pull the plug at the end, not the cord.

Note

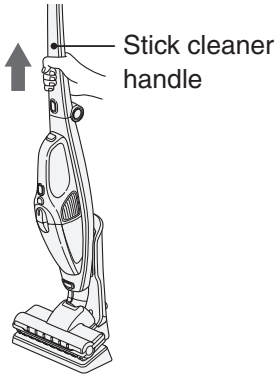
- If you have left the cleaner unattended without charging it for a long period of time (10 days or more), charge it for 4 hours or longer before use. (Failure to charge may impair battery performance.)
- To prolong battery life, charge regardless of the operating time.
- When you use the cleaner for the first time or when you have not used it for a long period of time, the battery may be over-discharged and charge time may be long or operating time may be short.
- If you will not use the cleaner for a long period of time (10 days or more), disconnect the plug from the socket.

How to operate

Stick cleaner

1 Remove the stick cleaner from the charging station.

- Hold the stick cleaner handle and pull the stick cleaner upward.



2 Press the control button of the stick cleaner.

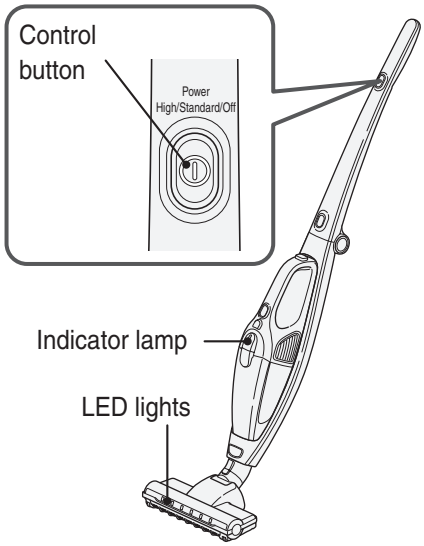
- The indicator lamp lights up in green, the LED lights turn on, and operation begins.
- Every time the control button is pressed, operation switches in this loop order: "High" > "Standard" > "Power off".
- To stop operation, switch to "Power off".
  The indicator lamp and LED lights turn off and operation stops.

⚠ CAUTION

Risk of injury or damage to the floor.

- Do not prop up the stick cleaner while it is operating.

- The rotary brush of the power head does not rotate even if you press the control button of the handy cleaner.
  Press the stick cleaner control button.



Handy cleaner

1 Detach the handy cleaner.

- Press the release button to detach while holding the stick cleaner in place.

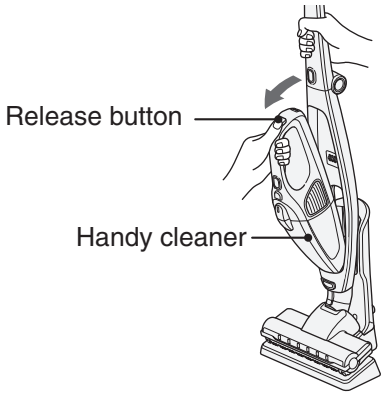
⚠ CAUTION

Risk of malfunction.

- Do not attach or detach the handy cleaner during operation.

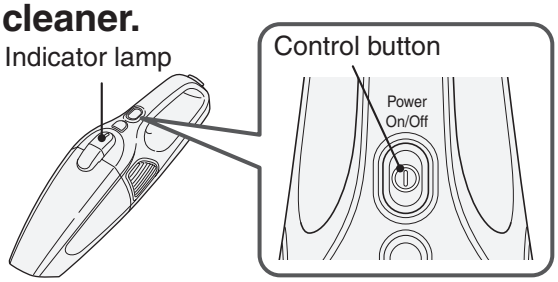
Risk of injury or damage to the floor.

- Do not prop up the stick cleaner while the handy cleaner is detached.
- The stick cleaner will become unstable. Set it on the charging station, lean it against an object so that it does not fall, or lay it down on the floor.



2 Press the control button of the handy cleaner.

- The indicator lamp lights up in green and operation begins.
- Every time the control button is pressed, operation switches in this loop order: "High" > "Power off".
- To stop operation, switch to "Power off".
  The indicator lamp turns off and operation stops.



How to clean

Stick cleaner

■ Use in accordance with the floor type.

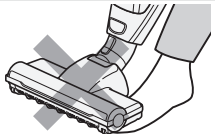
● You can clean proficiently by moving the power head back and forth across floor.

Carpet	**Clean by moving back and forth. You can collect dust thoroughly when pulling back.** ● When cleaning a new carpet for the first time, the cleaner may collect many loose threads.
Flooring	**To prevent damage to the floor, move along the grain of the flooring.** ● If dust remains on the floor after pulling the power head towards yourself, lift the power head and vacuum again.

⚠ WARNING

Risk of injury.
Do not place the power head on parts of your body (on top of your feet, etc.) when pulling the power head.

● There is a risk of getting caught in the rotating rotary brush.

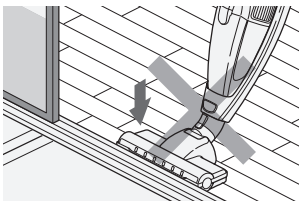


⚠ CAUTION

Risk of damage to the floor.
Do not leave the power head in the same position during operation.
Do not firmly press the power head against the floor.

● The floor may be damaged if it is easily damaged such as cypress or padded flooring*.

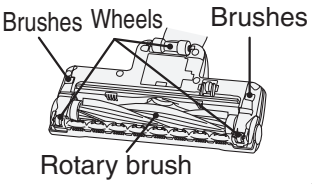
*Padded flooring is flooring where the surface is cushioned using vinyl chloride, etc.



Risk of damage to the floor.

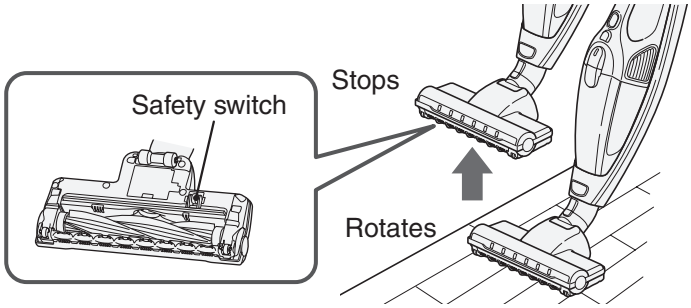
● If dust gets tangled in the wheels, the wheels cannot rotate, which may cause wear and tear and floor damage. Periodically perform maintenance. **(P.E-18)**

● If the brushes, wheels, or rotary brush are worn out, please consult with the dealer as soon as possible. (We recommend replacing the brushes, wheels, and rotary brush at the same time)



■ The safety switch of the power head

When you lift the power head from the floor, the safety switch activates and the rotary brush stops rotating for your safety.



● For maintenance of the safety switch **(P.E-17)**

⚠ WARNING

Risk of injury.
Do not touch the safety switch or the rotating rotary brush of the power head.

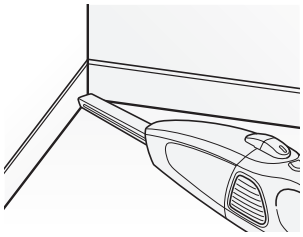
● The rotary brush may rotate. Be careful especially around children.

Handy cleaner

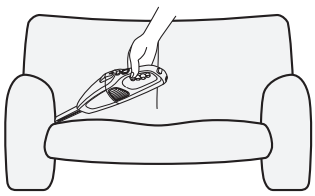
Using the crevice nozzle

- This nozzle cleans narrow crevices and corners.

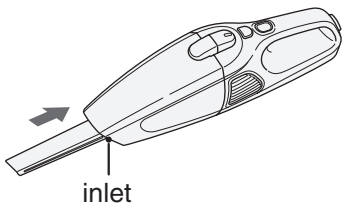
For cleaning corners



For cleaning crevice of a sofa

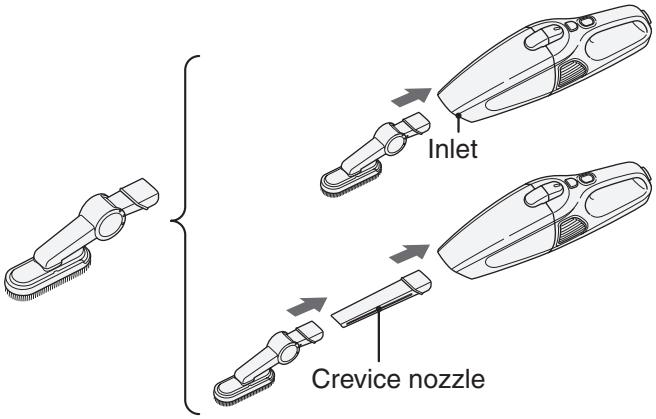


- Use by attaching to the inlet of the handy cleaner.

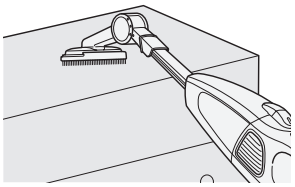


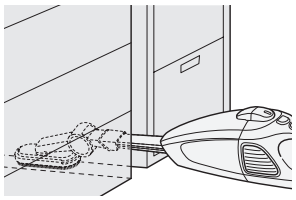
Using the multi angle brush nozzle

- Use by attaching the crevice nozzle or to the inlet of the handy cleaner.



- It is a free rotating nozzle that can reach far above furniture and into crevices.



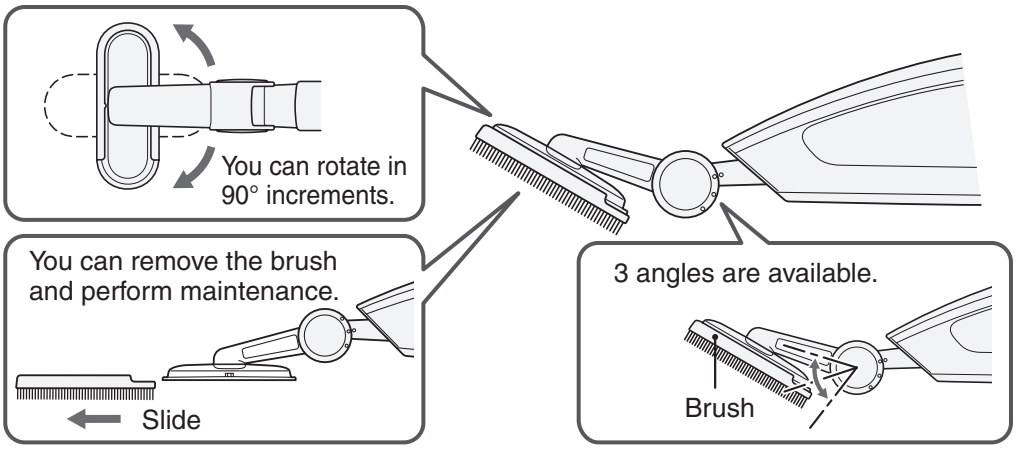


⚠ CAUTION

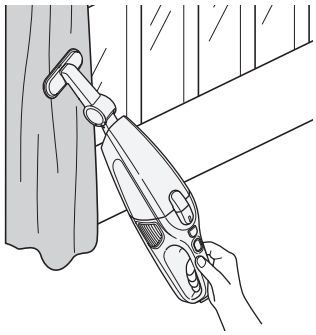
Risk of damage.

- Do not press against areas that are particularly easy to be damaged, such as pianos.

- You can change to various angles according to the area to be cleaned.



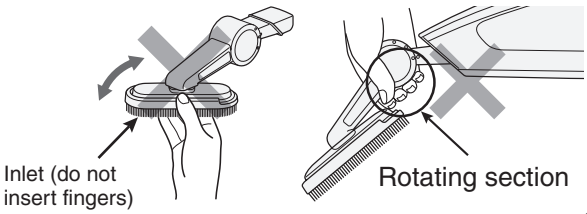
- If you are using the nozzle with the brush removed, use it to collect dust on clothing, curtains, etc.



⚠ WARNING

Risk of injury.

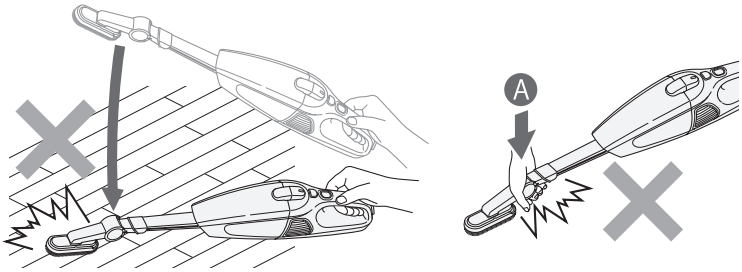
- When changing the angle, do not hold the rotating section. Your hand may get pinched.
- Do not rotate while your fingers are inserted into the inlet of the multi angle brush nozzle. Your fingers may get pinched.



How to clean

Note

- When using the multi angle brush nozzle, do not let it fall from high places or add excessive force in the direction of the arrow in Ⓐ. Doing so may result in damage.
- You can wash the multi angle brush nozzle with water. After washing, thoroughly air dry before use. Vacuuming water may result in damage.



- If fibrous dust clogs the end or interior of the multi angle brush nozzle, suction power is reduced, so remove the dust.

Emptying the dust case

- **Cyclonic cleaners have the advantage of not requiring paper bags, but to clean with high suction power, we recommend frequent disposal of dust and filter maintenance.**

Note

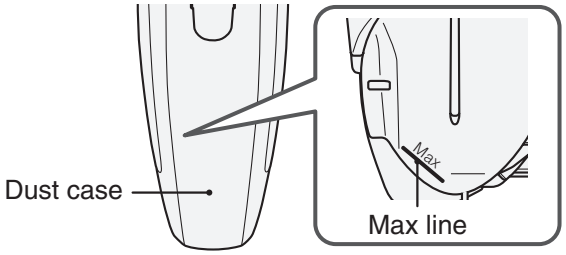
- Fine dust may disperse in the air when emptying the dust case.
  Empty the dust case in a well-ventilated environment such as outdoors, or wear a mask and avoid breathing in the dust.

Checking the Max line

Note

- If you vacuum dust after exceeding the "Max line", the dust will spill from the inlet of the dust case. To clean with high suction power, we recommend frequent disposal of dust.

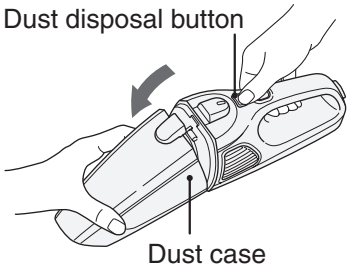
- When you complete cleaning, stop operation and check the "Max line".
- Empty the dust case before exceeding the "Max line".



Detaching the dust case

1 Detach the handy cleaner from the stick cleaner. (P.E-9)

2 Hold the dust case and handy cleaner, and remove while pressing the dust disposal button.

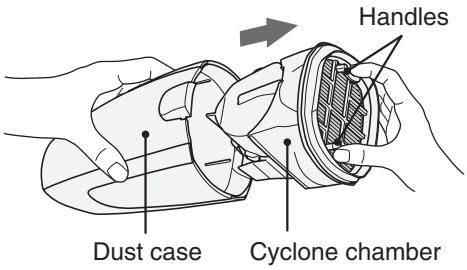


⚠ CAUTION	**Risk of injury or damage to the floor.** ● Pressing the dust disposal button while not holding the dust case will cause the dust case to fall.

Emptying the dust case

1 Remove the cyclone chamber.

Hold the two handles and remove the cyclone chamber from the dust case.



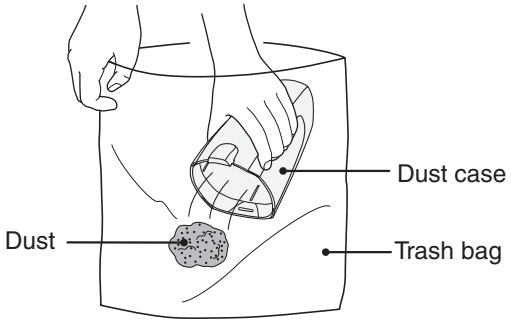
Note
- The dust may spill when removing the chamber. Remove it over a newspaper, etc.

⚠ CAUTION

Risk of injury.
- You may have unintentionally vacuumed sharp objects such as glass shards or pins. Be careful when performing maintenance.

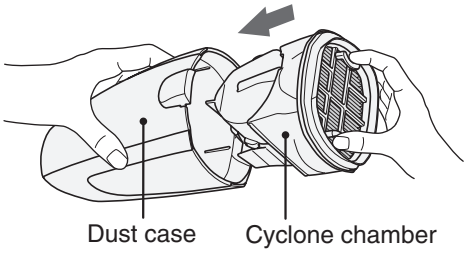
2 Empty the dust case.

Put the dust case into a large trash bag and empty it.



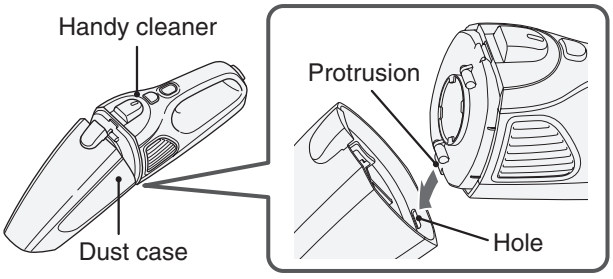
3 Attach the cyclone chamber to the dust case.

Attach in the reverse order of removal.

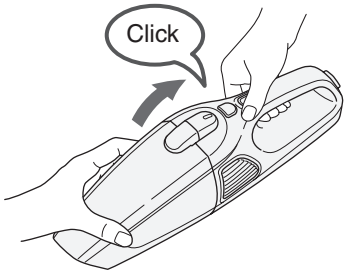


4 Attach the dust case to the handy cleaner handle.

1 Insert the handy cleaner handle protrusion into the hole of the dust case.



2 Attach until you hear a "click" sound.



- We recommend that you perform maintenance when you are concerned about dirt. **(P.E-15)**

Stowing the cleaner

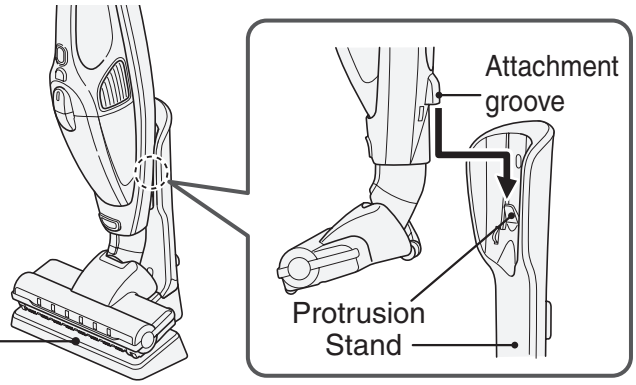
How to store

After using the stick cleaner

1 **Press the control button of the stick cleaner to stop operation. (P.E-9)**

2 **Insert the stand protrusion into the attachment groove of the stick cleaner. (P.E-8)**

- When you set the cleaner on the charging station while it is operating, operation stops and charging begins.



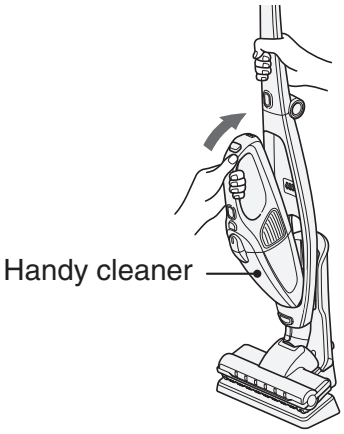
After using the handy cleaner

1 **Press the control button of the handy cleaner to stop operation. (P.E-9)**

2 **Attach the handy cleaner to the stick cleaner.**

- When you set the cleaner on the charging station while it is operating, operation stops and charging begins.

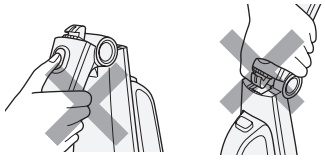
⚠ DANGER	**Risk of leaking, heat generation, rupture, or fire.** ● Do not carry or store with metal necklaces, hairpins, etc.

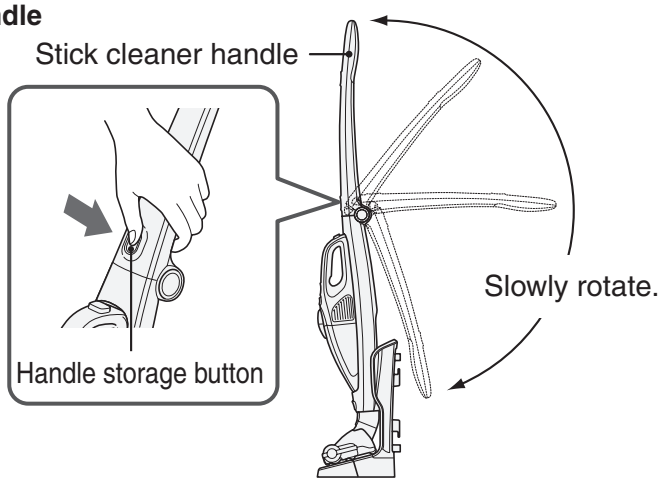


If you want more compact storage

1 **Hold the stick cleaner handle and press the handle storage button to release the handle lock.**

2 **Slowly rotate and fold.**

⚠ WARNING	**Risk of injury.** ● Do not hold the area around the rotating section of the handle when folding or extending the handle. 



⚠ CAUTION	**Risk of injury or damage to the floor.** ● When carrying the cleaner while it is set on the charging station, the stick cleaner may detach. ● Do not leave the stick cleaner unattended while it is propped up.

Note ● Do not store in places of high temperature, such as near heaters or under direct sunlight for long periods of time. Doing so may cause malfunctions.

Maintenance

Stick cleaner, attachments, attachment accessories

- Perform maintenance when you are concerned about dirt. Wring out a soft cloth soaked with water before wiping.

⚠ WARNING

Risk of eruption, fire, electric shock, or injury.
- Disconnect the plug of the charging station from the socket when performing charging station maintenance.
- Do not use flammable objects, combustibles (thinner, benzene), etc.

⚠ CAUTION

Risk of injury.
- Discontinue operation when performing stick cleaner or handy cleaner maintenance.

Note
- Do not use alcohol, cleansers, chemical dustcloths, etc. They may cause cracks or discoloration.

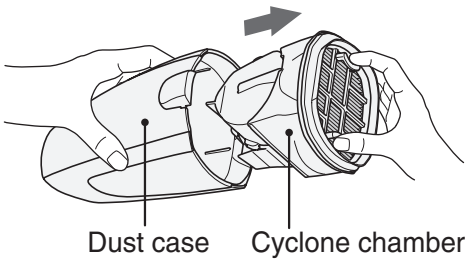
Dust case, filters, cyclone chamber

- **Cyclonic cleaners have the advantage of not requiring paper bags, but to clean with high suction power, we recommend frequent maintenance.**

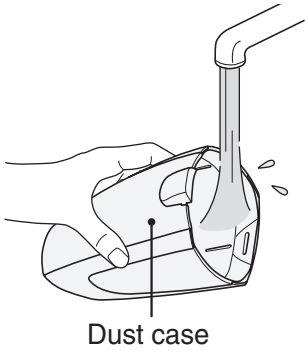
Note
- Fine dust may disperse in the air when performing maintenance.
  Empty the dust case in a well-ventilated environment such as outdoors, or wear a mask and avoid breathing in the dust.

Dust case (Washing with water)

1 Remove the cyclone chamber from the dust case.



2 Wash the dust case with water.
- Thoroughly air dry the dust case. (The drying time varies depending on the environment.)
- Attach in the reverse order of removal.



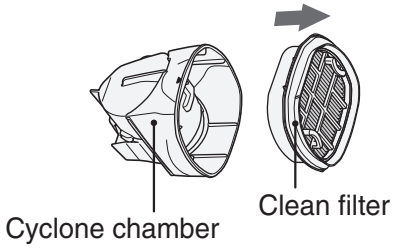
⚠ CAUTION

Risk of injury.
- You may have unintentionally vacuumed sharp objects such as glass shards or pins. Be careful when performing maintenance.

Maintenance

Cyclone chamber (Washing with water)

1 Remove the clean filter from the cyclone chamber.

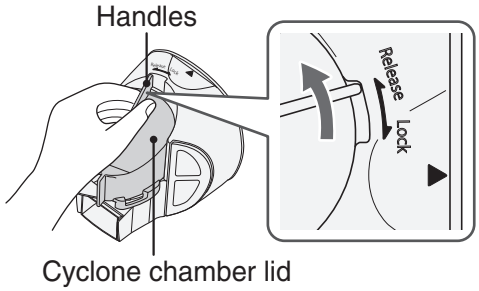


⚠ CAUTION

Risk of malfunction.
- Do not wash the clean filter with water.

2 Open the cyclone chamber lid.

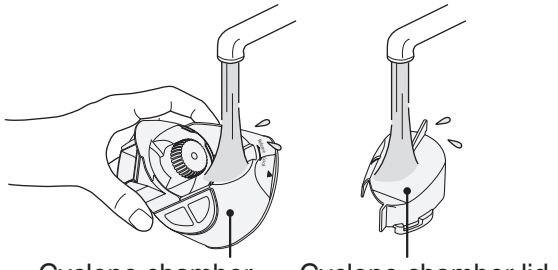
Adjust the handle with "Release".



⚠ CAUTION

Risk of injury.
- You may have unintentionally vacuumed sharp objects such as glass shards or pins. Be careful when performing maintenance.

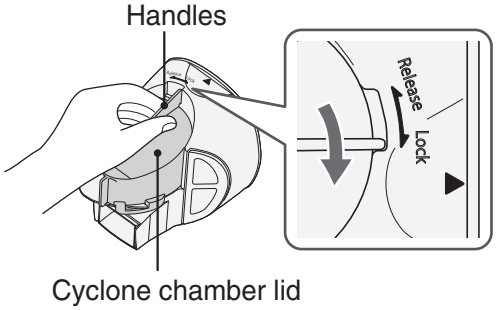
3 Wash the cyclone chamber and cyclone chamber lid with water.



Note
- Gently remove the dust stuck inside before washing with water.

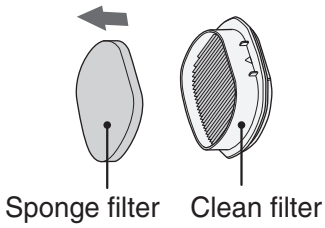
4 Thoroughly dry it before closing the cyclone chamber lid.

Attach in the reverse order of removal.



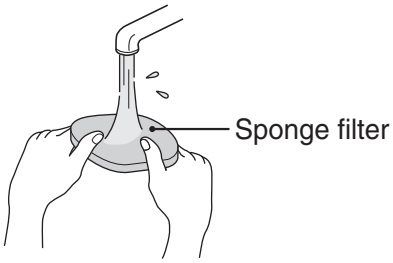
Sponge filter (Washing with water), clean filter

1 Remove the sponge filter from the clean filter.



2 Gently press and wash with water.

After washing, remove excess water and air dry it for approx. 12 hours. (The drying time varies depending on the environment.)



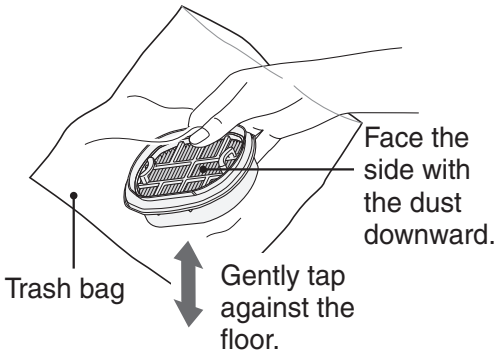
3 Remove the dust stuck deep in the folds of the clean filter.

Put the clean filter into a trash bag and gently tap it against the floor approx. 5 times to remove the dust stuck inside.

⚠ CAUTION

Risk of malfunction.
- Do not wash the clean filter with water.
- Do not scrub the clean filter with a brush, etc.

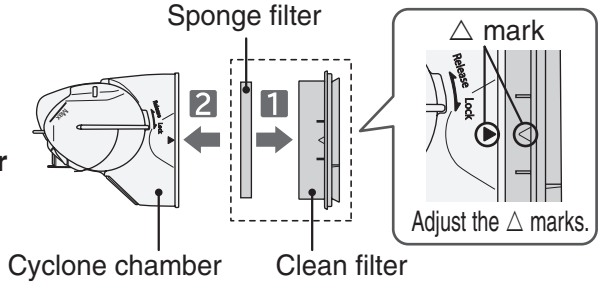
Risk of damage.
- If there a risk of damaging the floor, lay something thick first, such as a newspaper.



4 Attach the clean filter.

1 **Attach the sponge filter to the clean filter.**

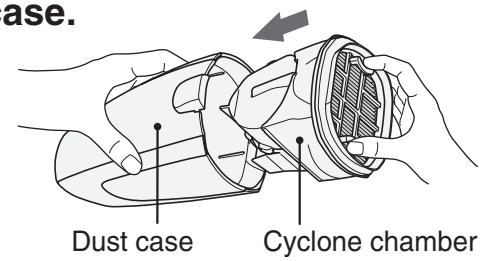
2 **Adjust the △ marks of the cyclone chamber and clean filter and firmly press all the way.**



Note ● When attaching the clean filter, adjust the △ marks of the cyclone chamber and clean filter and firmly press all the way.

5 Attach the cyclone chamber to the dust case.

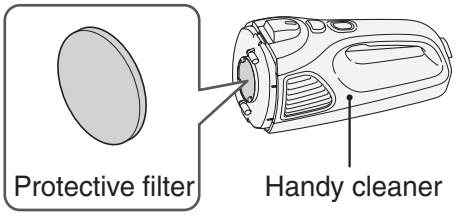
Attach in the reverse order of removal.



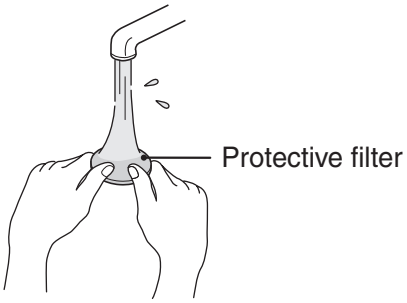
Maintenance

Protective filter (Washing with water)

1 **Remove the protective filter from the handy cleaner handle.**



2 **Gently press and wash with water.**



- Tap to remove excess water and air dry it for approx. 12 hours. (The drying time varies depending on the environment.)
- After it dries, attach it to the handy cleaner handle.

Note
- Do not use cleansers or bleach, and do not wash using a washing machine. Also, do not dry it with hot air such as that from a hair dryer.
  It may cause a deterioration in performance, damage, or deformation.

Power head

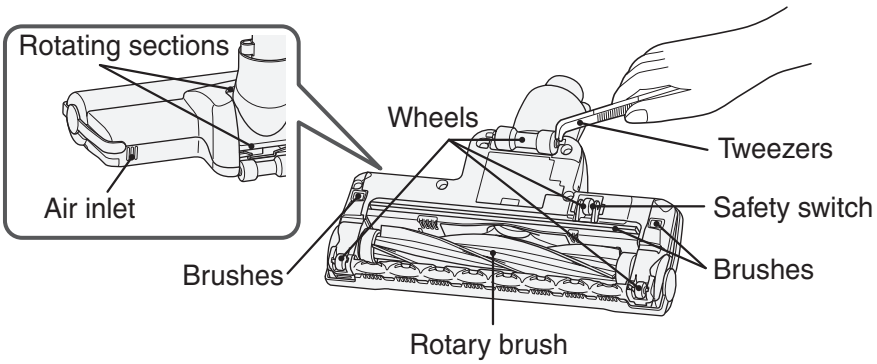
- Perform maintenance when suction power is weak or when you are concerned about dirt.
- We recommend periodic maintenance (about once a month).
  Dust stuck to the safety switch, rotary brush, brush, wheels, air inlet, and rotating sections may cause reductions in suction power or malfunctions.

⚠ CAUTION

Risk of injury.
- Detach from the stick cleaner when performing maintenance.

Remove tangled dust

Remove tangled dust using tweezers, etc.



⚠ CAUTION

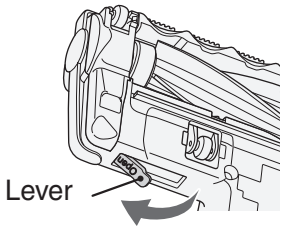
Risk of damage to the floor.
- If dust gets tangled in the wheels, the wheels cannot rotate, which may cause wear and tear and floor damage.
- If the brushes, wheels, or rotary brushes are worn out, please consult with the dealer as soon as possible. (We recommend replacing the brushes, wheels, and rotary brush simultaneously)

Note
- Do not subject the safety switch to excessive force. Doing so may cause damage.

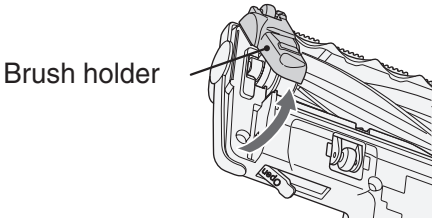
Brush maintenance.

1 Remove the brush holder.

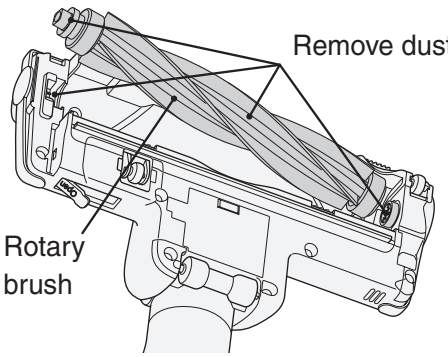
1 Flip over the power head and open the lever.



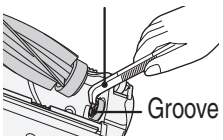
2 Remove the brush holder.



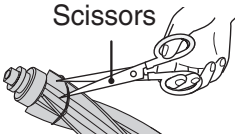
2 Detach the rotary brush and remove dust.



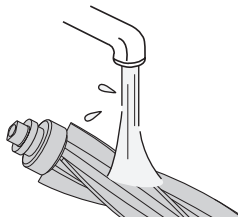
Remove the dust tangled in the groove using tweezers, etc.



Cut and remove dust tangled in the rotary brush using scissors, etc.



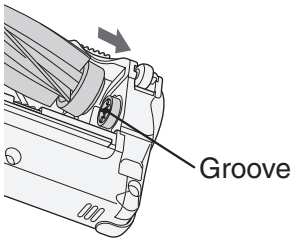
Wash the rotary brush with water.



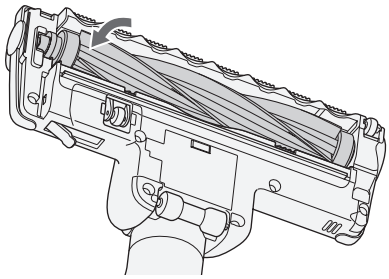
Note
- Do not use cleansers, bleach, etc. Doing so may cause discoloration, deformation, etc.
- After washing the rotary brush with water, thoroughly air dry it before attaching it.

3 Attach the rotary brush.

1 Adjust the rotary brush with the groove.

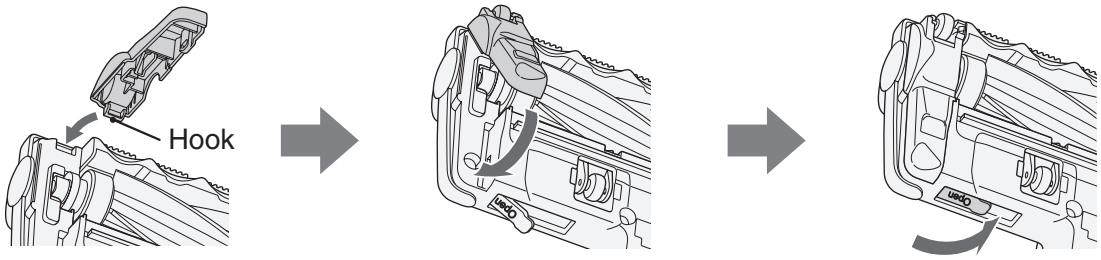


2 Attach to its original position.



4 Attach the brush holder.

1 Insert the hook. **2 Attach the brush holder.** **3 Close the lever.**



Note When attaching the brush holder, fasten the hook first. Failure to do so may cause damage.

Troubleshooting

Before requesting for repair

Check the following points again

The body does not operate or the rotary brush of the power head does not rotate.

The safeguard may be operating. Release the safeguard with the following instructions.

The rotary brush of the power head does not rotate.

Safeguard and cause

If the cleaner continues to operate with a foreign substance in the rotating rotary brush, the rotary brush will stop rotating automatically to prevent the motor from heating up.

- Foreign substance stuck in cleaner
- Pressed against the floor, carpet, etc.

Instructions

Press the control button of the stick cleaner to stop operation.

- Remove the foreign substance from the rotary brush. (P.E-17, E-18)
- Do not firmly press the power head against the floor or carpet.

The safeguard is released after a few minutes, and you can use the cleaner again.

Other problems

Problem	Things to check	Countermeasure	Page
Suction power is weak.	Is the remaining battery level low?	Set the stick cleaner on the charging station for charging.	**P.E-8**
	Is the dust case full of dust?	Emptying the dust case.	**P.E-13**
	Is dust stuck in the filters?	Clean the filter.	**P.E-16 P.E-18**
	Is dust clogging the cyclone chamber inside the dust case?	Remove the dust.	**P.E-17**
	Is dust clogging the power head?	Remove the dust.	**P.E-18 P.E-19**
The cleaner does not operate.	Is the remaining battery level low?	Set the cleaner on the charging station for charging.	**P.E-8**
	Is the cleaner set on the charging station?	Detach it from the charging station.	**-**
	Is the handy cleaner securely attached to the stick cleaner?	Securely attach it.	**P.E-14**
Operation stops.	Is the remaining battery level low?	Set the cleaner on the charging station for charging.	**P.E-8**
Operating time is short even after charging.	Did you leave the stick cleaner unattended for a long period of time without charging it?	The battery capacity may be temporarily recovering poorly. Repeat the procedure of using the cleaner until the battery is exhausted and charging fully 2 or 3 times.	**P.E-8**
	Have you repeatedly charged the battery after finishing using the stick cleaner while the battery was not completely discharged? (Memory effect)		
	Is the battery exhausted?	If the operating time is particularly short even after charging correctly, the battery is exhausted. Please consult with the Hitachi authorized service agent.	**-**
The exhaust or handy cleaner is warm (during operation).	The motor is being cooled via air flow, which is normal.		**-**
The handy cleaner or charging station is warm (while charging).	It gets warm due to the flow of electrical current to the control circuit, which is normal.		**-**
An abnormal odor is coming from the exhaust.	Is dust clogging the filters, dust case, or cyclone chamber?	Clean the filter.	**P.E-15 ~ P.E-18**
	Are the filters thoroughly dried after washing?	After washing, thoroughly air dry the filters.	**P.E-15 ~ P.E-18**
The rotary brush of the power head does not rotate or rotates poorly.	Is the remaining battery level low?	Set the cleaner on the charging station for charging.	**P.E-8**
	Is the handy cleaner control button pressed?	Press the stick cleaner control button.	**P.E-9**
	Is the handy cleaner securely attached to the stick cleaner or power head?	Securely attach it.	**P.E-2**
	Is the power head not touching the floor?	The power head is designed to stop when it is lifted from the floor. Place the power head on the floor.	**P.E-10**
	Is dust stuck to the rotary brush, safety switch, etc.?	Remove the dust.	**P.E-18 P.E-19**

Troubleshooting

Problem	Things to check	Countermeasure	Page
The LED lights do not turn on or are dim.	Is the remaining battery level low?	Set the cleaner on the charging station for charging.	**P.E-8**
	Is the handy cleaner control button pressed?	Press the stick cleaner control button.	**P.E-9**
There is a clattering sound coming from the power head.	The safety switch is designed to produce the sound, which is normal.		**-**
There is an abnormal sound coming from around the dust case.	Are the clean filter and dust case securely attached?	Securely attach it.	**P.E-13 P.E-16**
	Is the cyclone chamber lid firmly closed?	Firmly close it.	**P.E-17**
The indicator lamp does not light up in red even when the stick cleaner is set on the charging station.	Is the plug of the charging station firmly inserted into the socket?	Firmly insert the plug.	**P.E-8**
	Is the stick cleaner securely set on the charging station?	Securely set it.	**P.E-8**
	Is the handy cleaner securely attached to the stick cleaner?	Securely attach it.	**P.E-14**
	Is the battery fully charged?	When fully charged, the indicator lamp turns off.	**P.E-8**
	Are the metal contacts of the charging station or stick cleaner dirty?	Remove any dirt on the contacts with a dry cloth.	**-**
The indicator lamp alternately flashes in red and green when the stick cleaner is set on the charging station.	Does the cleaner not operate or is operating time short?	The battery is exhausted. Please consult with the Hitachi authorized service agent.	**-**
The indicator lamp flashes in red when the stick cleaner is set on the charging station.	The handy cleaner is malfunctioning. Detach it from the charging station and consult with the Hitachi authorized service agent.		**-**
If the problem persists		**Do not attempt to repair it yourself. Please consult with the dealer.**	**-**

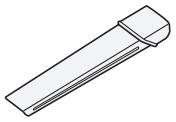
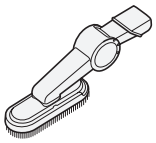
When disposing of the product

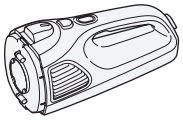
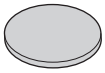
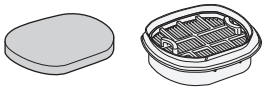
This product uses a nickel-metal hydride battery. Nickel-metal hydride batteries are a valuable, recyclable resource.

- The battery is built into the handy cleaner handle.
- The battery is a consumable. If the operating time is particularly short even after fully charged, there is a problem with the battery life. Replace the battery.

For matters concerning the disposal of used products, we request that you inquire at your local governing policy and cooperate with recycling regulations.
***Recycling rules may vary depending on the local governing policy.**

Replacement Parts

Crevice nozzle	Multi angle brush nozzle
 No. PV-XA100-917 When ordering	 No. PV-XA100-915 When ordering

Handy cleaner handle	Protective filter	Clean filter with Sponge filter	Rotary brush
 No. PV-XA100-903 (Champagne) No. PV-XA100-922 (Red) When ordering	 No. PV-BA100-005 When ordering	 No. PV-BA100-009 When ordering	No. PV-BA100-013 When ordering

- When replacing the battery, also replace the handy cleaner handle. (The battery is built into the handy cleaner handle.)
- Since batteries are consumables, a fee will be charged.

Specifications

Product name			Cordless Stick Cleaner
Model name			PV-XA100
Body	Rated voltage		DC14.4V
	Nominal capacity		1,500mAh
	Operating noise		64dB
	Dust collection capacity		0.25L
	Battery		Nickel-metal hydride battery (12 cells) (built into handy cleaner handle)
	Continuous operating time		High: Approx. 12 minutes Standard: Approx. 30 minutes (At full charge, new battery, 20°C)
	Dimensions	Stick cleaner (L × W × H)	170mm × 270mm × 1,100mm
		Handy cleaner (L × W × H)	420mm × 115mm × 127mm
	Weight	Stick cleaner	2.8kg
		Handy cleaner	1.4kg
Charging station	Input		AC220-240V 50-60Hz 0.25A
	Output		DC18.5V 0.4A
	Charge time		Approx. 4 hours
	Cord length		1.2m
	Outer dimensions (L × W × H)		205mm × 280mm × 340mm
	Weight		1.2kg
Dimensions when stored (L × W × H)			205mm × 280mm × 1,150mm
Dimensions when stored (with stick cleaner handle folded) (L × W × H)			250mm × 280mm × 685mm
Attachments			Power head ····· 1 pc.
			Charging station (Base, Stand) ····· 1 pc. each
Attachment accessories			Crevice nozzle ····· 1 pc.
			Multi angle brush nozzle ····· 1 pc.

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